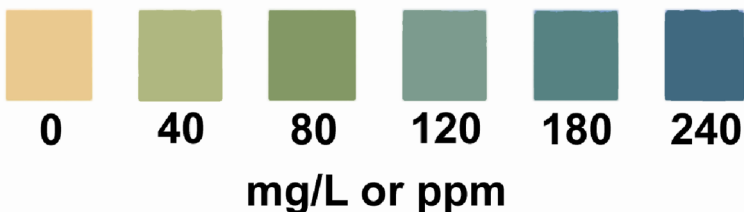


Total Alkalinity



#105 TOTAL ALKALINITY of WATER

Colorimetric test strips. (1 test per strip)

Total Alkalinity is a fundamental parameter and water testing. Total Alkalinity indicates the buffering capacity of natural waters. A water is said to be buffered if the pH is not changed greatly by addition of acids or bases. The most effective buffering action is within the pH range of water from near 6.0 to about 8.5.

Most natural waters are buffered to some extent by reactions that involve Dissolved Carbon Dioxide (CO₂). This Carbon Dioxide is an indispensable reservoir of carbon for photosynthesis. Thus, the productivity's of water can be correlated with alkalinity and the buffering system.

The Color Comparator Chart for this test allows you to read Total Alkalinity in mg/L or ppm.

This test reports total alkalinity concentrations in water at:
0, 40, 80, 120, 180 and 240 mg/L or ppm.

Results are obtained from this test in 30 seconds.

Find more water information at www.sciencefairwater.com (a web work in progress).

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